

Credit Name: CSE 2120 Data Structures 1

Assignment Name: Course Grades Mastery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

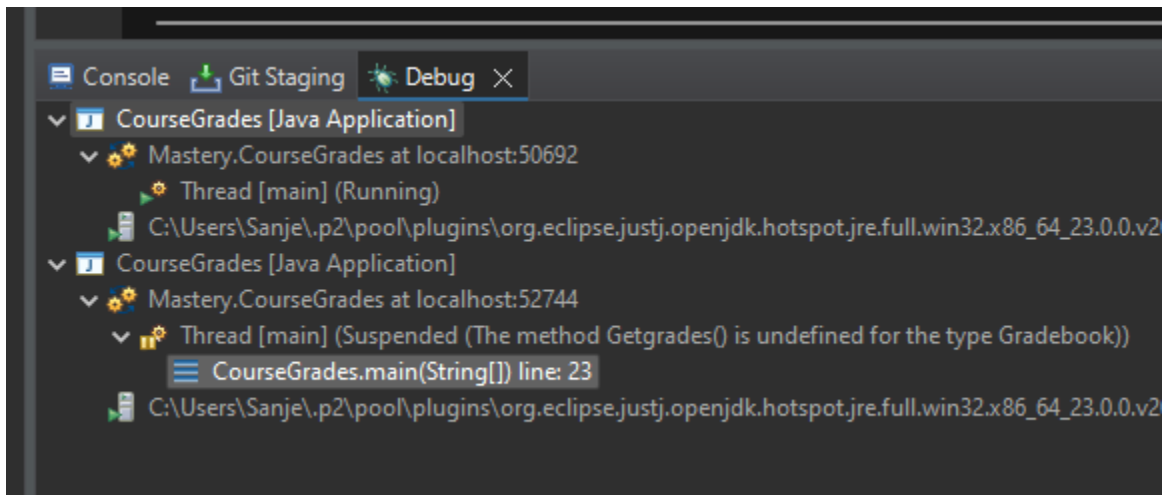
ERROR 1:

```
22 //call GetGrades method, which prompts user to enter all the student grades
23 studentgrades.Getgrades();
24
25 //call ShowGrades method, which displays the grades
```

Program displayed error, when trying to call the Getgrades method.

I was confused, because I had fully coded that method with no errors.

Program didn't run and showed debug page:



```
22 //call GetGrades method, which prompts user to enter all the student grades
23 studentgrades.Getgrades();
```

Change to 'GetGrades(..)'

Thankfully java hinted that I accidentally had a typo when writing the method name. Instead of writing the name of the method which was GetGrades, I wrote Getgrades.

```
//method loops through each of the 12 students and asks user to enter the
// values and stores them in the array
public void GetGrades() {
    Scanner input = new Scanner(System.in);
    for (int student = 0; student < grades.length; student++){
        System.out.println("Enter student " + (student + 1) + "'s grades:");

        for (int test = 0; test < grades[student].length; test++) {
            System.out.println("  Test " + (test + 1) + ": ");
            grades[student][test] = input.nextInt();
        }
    }
}
```

```
22 //call GetGrades method, which
23 studentgrades.GetGrades();
24
```

Error message went away.

Program is now running properly with no issues.

```
CourseGrades [Java Application] C:\Users\S
Enter student 1's grades:
Test 1:
```